

Vehicle routing Problem

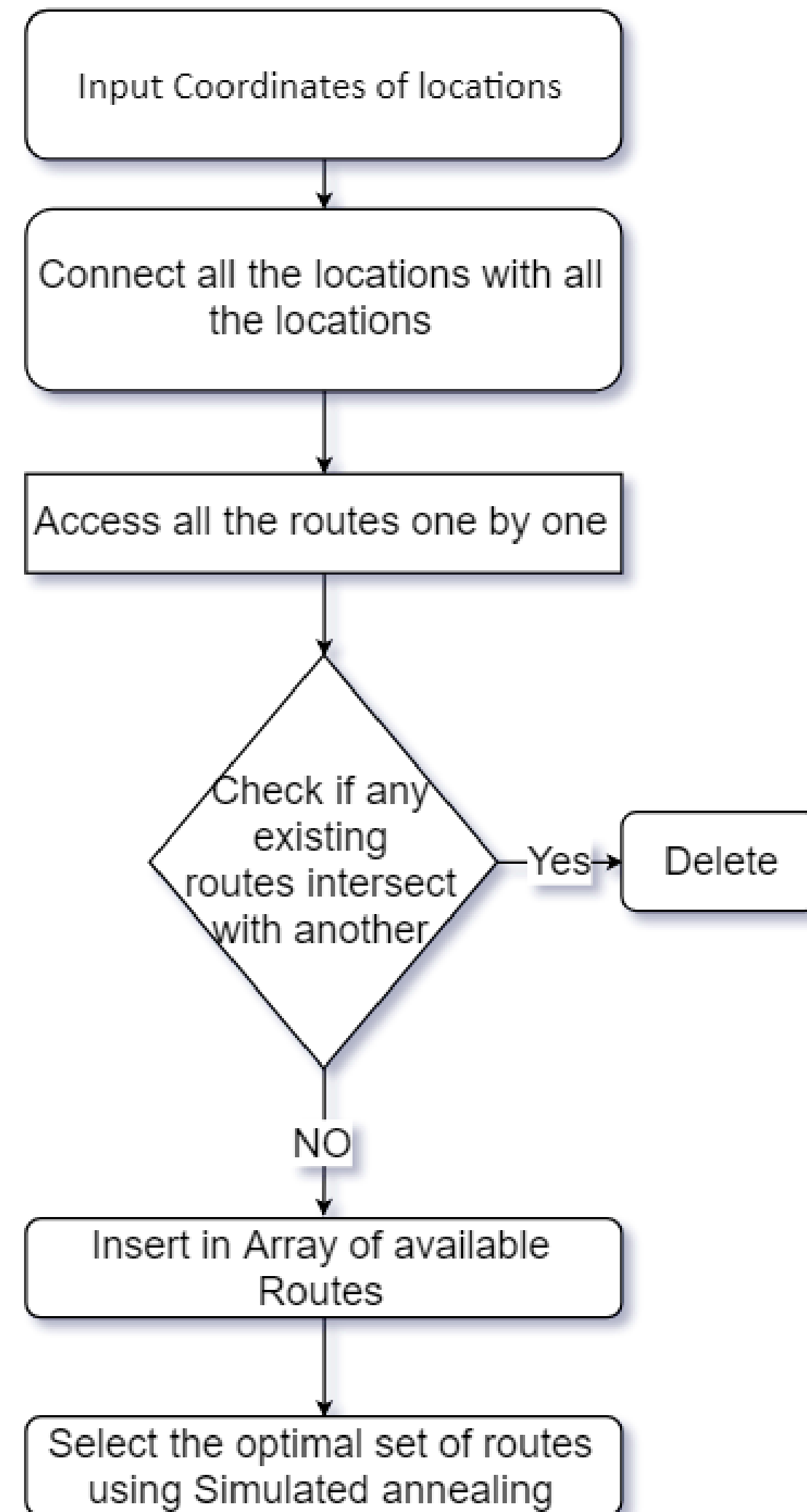
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Problem

- Find optimal set of routes, for a fleet of vehicles to traverse in order to visit a given set of customers.
- The optimal route refers to minimum resources used to traverse all customers.
- It can also be understood as mixture of knapsack problem and travelling salesman problem, as capacity of the vehicle is also a major factor in decision making process.



Proposed solution



Results

- Just eliminating few routes leads to huge difference in performance, it cuts the process time up to 30% and increase accuracy by 10%.

